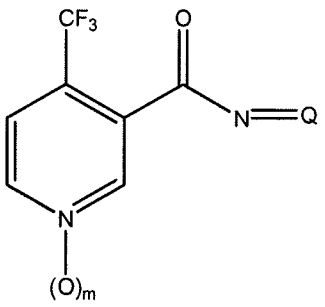
AMENDMENTS TO THE CLAIMS

Please amend the claims without prejudice, without admission, without surrender of subject matter, and without any intention of creating any estoppel as to equivalents, as follows.

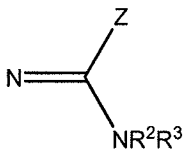
1. (Currently amended) A compound of the formula (I):



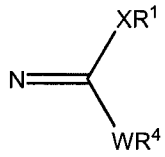
(I)

wherein:

N=Q is a formula (A) or (B):



(A)

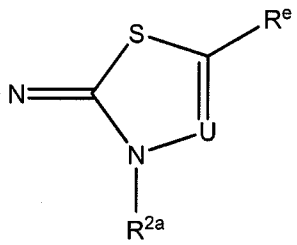


(B)

Z is YR^1 ~~or NR^5R^6~~;

or when Z is YR^1, R^1 and R^3 may form together with the adjacent —Y—C—NR^2— atoms, a five or six membered saturated heterocyclic ring which optionally contains an additional N or O atom, and is unsubstituted or substituted by one or more R^7 groups or one of the ring carbon atoms may form a carbonyl or imino group, and which ring is optionally fused to a benzene ring optionally substituted by R^7;

or when Z is YR^1, R^1 and R^3 may form together with the adjacent —Y—C—NR^2— atoms, a group (A^2):



(A^2)

Y, X and W are each independently O or S;

or R^1 and R^4 may form together with the adjacent —X—C—W— group, a five or six membered unsaturated, partially saturated or saturated heterocyclic ring, unsubstituted or substituted by one or more R^7 groups or one of the ring carbon atoms may form a carbonyl group;

R^1 is (C_1-C_8)alkyl, (C_3-C_6)alkenyl, (C_3-C_6)alkynyl or (C_3-C_8)cycloalkyl, which last four mentioned groups are unsubstituted or substituted by one or more R^8 groups; or is (C_3-C_8)cycloalkyl-(C_1-C_6)alkyl which cycloalkyl is unsubstituted or substituted by one or more R^8 groups; or is —$(CR^9R^{10})_pR^{11}$ or —$(CR^9R^{10})_p$heterocyclyl; or when Y is O is (C_1-C_6)alkylamino, NH(C_3-C_8)cycloalkyl or $NH(CH_2)_nR^{11}$;

R^{2a} is (C_1-C_8)alkyl, (C_3-C_6)alkenyl, (C_3-C_6)alkynyl, (C_3-C_8)cycloalkyl, (C_1-C_6)alkoxy, (C_3-C_6)alkenyloxy, (C_3-C_6)alkynyloxy, (C_1-C_6)alkylamino, di-(C_1-C_6)alkylamino, NHCO(C_1-C_6)alkyl, $NHSO_2$(C_1-C_6)alkyl, CO(C_1-C_6)alkyl or SO_2(C_1-C_6)alkyl which last thirteen mentioned groups are unsubstituted or substituted by one or more R^8 groups; or is (C_3-C_8)cycloalkyl-(C_1-C_6)alkyl which cycloalkyl is unsubstituted or substituted by one or more R^8 groups; or is —$(CR^9R^{10})_pR^{11}$, —$(CR^9R^{10})_p$heterocyclyl, OH, SO_2R^{11}, NH_2, $NHCOR^{11}$, NHR^{11}, NH(C_3-C_8)cycloalkyl, $NH(CH_2)_sR^{11}$, $O(CHR^{10})_rR^{11}$; $O(CH_2)_r$heterocyclyl or N=C[(C_1-C_6)alkyl]$_2$; or is (C_3-C_6)alkenyl substituted by R^{11};

R^2 ~~and R^5 are each independently~~ is R^{2a} or H;

R^3 ~~and R^6 are each independently~~ is H or R^1;

R^4 is $(C_1\text{-}C_6)$alkyl substituted by R^8; or is $(C_3\text{-}C_6)$alkenyl, $(C_3\text{-}C_6)$alkynyl or $(C_3\text{-}C_8)$cycloalkyl which last three mentioned groups are unsubstituted or substituted by one or more R^8 groups; or is $(C_3\text{-}C_8)$cycloalkyl-$(C_1\text{-}C_6)$alkyl unsubstituted or substituted by one or more R^8 groups; or is —$(CR^9R^{10})_pR^{11}$ or —$(CR^9R^{10})_p$heterocyclyl;

or when W is O, R^4 is $(C_1\text{-}C_6)$alkylamino;

or R^2 and R^3 together with the adjacent N atom form a 3 to 8-membered unsaturated, partially saturated or saturated heterocyclic ring which optionally contains up to three additional N, O or S atoms and which ring is unsubstituted or substituted by one or more R^7 groups;

R^7 is R^8, R^4, $(C_1\text{-}C_6)$alkyl or CH_2OH;

R^8 is halogen, $(C_1\text{-}C_6)$alkoxy, $(C_1\text{-}C_6)$haloalkoxy, $S(O)_nR^{12}$, CN, $CO_2(C_1\text{-}C_6)$alkyl, CO_2H, NO_2, OH, amino, $(C_1\text{-}C_6)$alkylamino, di-$(C_1\text{-}C_6)$alkylamino, carbamoyl, $(C_1\text{-}C_6)$-alkylcarbamoyl, di-$(C_1\text{-}C_6)$-alkylcarbamoyl, $CH[O(C_1\text{-}C_6)alkyl]_2$, $(C_3\text{-}C_6)$alkenyloxy, $(C_3\text{-}C_6)$alkynyloxy or $O(CH_2)_rR^{11}$;

R^9 and R^{10} are each independently H, $(C_1\text{-}C_6)$alkyl or $(C_1\text{-}C_6)$haloalkyl;

R^{11} is aryl unsubstituted or substituted by one or more groups selected from $(C_1\text{-}C_6)$alkyl, $(C_1\text{-}C_6)$haloalkyl, $(C_2\text{-}C_6)$alkenyl, $(C_2\text{-}C_6)$alkynyl, $(C_3\text{-}C_8)$cycloalkyl, —$(CH_2)_uR^{13}$, heterocyclyl, halogen, $(C_1\text{-}C_6)$alkoxy, $(C_1\text{-}C_6)$haloalkoxy, $S(O)_nR^{12}$, CN, $CO_2(C_1\text{-}C_6)$alkyl, NO_2, amino, $(C_1\text{-}C_6)$alkylamino and di-$(C_1\text{-}C_6)$alkylamino;

R^{12} is $(C_1\text{-}C_6)$alkyl or $(C_1\text{-}C_6)$haloalkyl;

R^{13} is phenyl unsubstituted or substituted by one or more groups selected from halogen, $(C_1\text{-}C_6)$alkyl and $(C_1\text{-}C_6)$haloalkyl;

R^e is H, $(C_1\text{-}C_6)$alkyl, $(C_2\text{-}C_6)$alkenyl, $(C_2\text{-}C_6)$alkynyl, $(C_3\text{-}C_8)$cycloalkyl, $(C_3\text{-}C_8)$cycloalkyl-$(C_1\text{-}C_6)$alkyl, halogen, $(C_1\text{-}C_6)$alkoxy, $(C_1\text{-}C_6)$haloalkoxy, $S(O)_nR^2$, $(C_3\text{-}C_6)$alkenyloxy, $(C_3\text{-}C_6)$alkynyloxy, —$(CH_2)_pR^{11}$, heterocyclyl, CN, $CO_2(C_1\text{-}C_6)$alkyl, NO_2, amino, $(C_1\text{-}C_6)$alkylamino, di-$(C_1\text{-}C_6)$alkylamino or $O(CH_2)_rR^{11}$ wherein r is 0 or 1;

U is N or CH,

m, s and u are each independently 0 or 1;

n is 0, 1 or 2;

p is 0, 1, 2 or 3;

r is 0 or an integer from 1 to 6; and each heterocyclyl in the above mentioned radicals is independently a mono or bicyclic heterocyclic radical having 3 to 7 ring atoms in each ring and 1 to 4 hetero atoms selected from N, O and S;

~~with the proviso that in (A) when Z is NR^5R^6 then up to three of R^2, R^3, R^5 and R^6 are not simultaneously H;~~

or a pesticidally acceptable salt thereof.

2. (Canceled)

3. (Original) A compound or a salt thereof as claimed in claim 1, wherein R^1 is $(C_1\text{-}C_8)$alkyl or $(C_3\text{-}C_6)$alkenyl, which groups are unsubstituted or substituted by one or more groups selected from $(C_1\text{-}C_4)$alkoxy, $S(O)_nR^{12}$ and OH; or is $—(CR^9R^{10})_pR^{11}$.

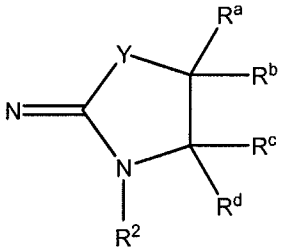
4. (Original) A compound or a salt thereof as claimed in claim 1, wherein R^2 is H, $(C_3\text{-}C_6)$alkenyl, $(C_3\text{-}C_6)$alkynyl, $(C_1\text{-}C_6)$alkoxy, $(C_3\text{-}C_6)$alkenyloxy, $(C_3\text{-}C_6)$alkynyloxy, $—(CR^9R^{10})_pR^{11}$, $—(CR^9R^{10})_p$heterocyclyl, NHR^{11} or $O(CH_2)_nR^{11}$; or is $(C_1\text{-}C_8)$alkyl unsubstituted or substituted by a di-$(C_1\text{-}C_4)$alkylamino group.

5. (Original) A compound or a salt thereof as claimed in claim 1, wherein R^3 is $(C_1\text{-}C_8)$alkyl or $(C_3\text{-}C_6)$alkenyl, which groups are unsubstituted or substituted by an $(C_1\text{-}C_4)$alkoxy or OH group; or is H or $—(CR^9R^{10})_pR^{11}$.

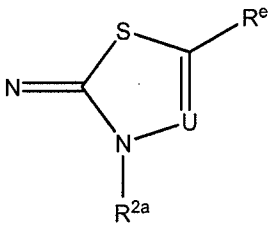
6. (Original) A compound or a salt thereof as claimed in claim 1, wherein R^4 is $(C_1\text{-}C_8)$alkyl substituted by $(C_1\text{-}C_4)$alkoxy or OH; or is $(C_3\text{-}C_6)$alkenyl, $(C_3\text{-}C_6)$alkynyl or $(C_3\text{-}C_8)$cycloalkyl

which last three mentioned groups are unsubstituted or substituted by an (C_1-C_4)alkoxy or OH group; or is (C_3-C_8)cycloalkyl-(C_1-C_6)alkyl which cycloalkyl is unsubstituted or substituted by an (C_1-C_4)alkoxy or OH group; or is —$(CR^9R^{10})_pR^{11}$ or —$(CR^9R^{10})_p$heterocyclyl.

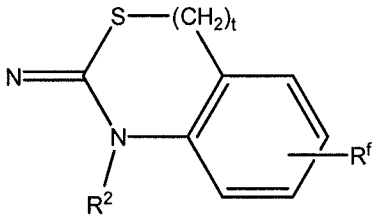
7. (Original) A compound or a salt thereof as claimed in claim 1, wherein N=Q is a formula (A) in which Z is YR^1 and R^1 and R^3 form together with the adjacent —Y—C—NR^2— atoms, a heterocyclic ring which is of formula (A^1), (A^2), (A^3) or (A^4):



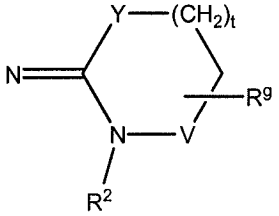
(A^1)



(A^2)



(A^3)



(A^4)

wherein:

Y is O or S;

U is N or CH;

V is O or CH_2;

t is 0 or 1;

R^a, R^b, R^c and R^d are each independently selected from H, $(C_1$-$C_6)$alkyl, $(C_1$-$C_6)$haloalkyl, $(C_2$-$C_6)$alkenyl, $(C_2$-$C_6)$alkynyl, $(C_3$-$C_8)$cycloalkyl, halogen, $(C_1$-$C_6)$alkoxy, $(C_1$-$C_6)$haloalkoxy, $S(O)_nR^{12}$, $(C_2$-$C_6)$alkenyloxy, $(C_2$-$C_6)$alkynyloxy, R^{11}, heterocyclyl and $O(CH_2)_rR^{11}$ wherein r is 0 or 1;

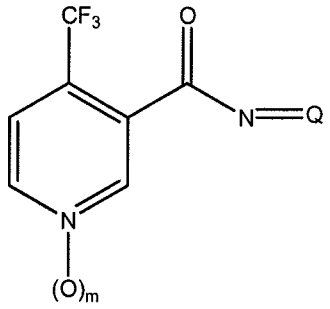
or R^a and R^b, or R^c and R^d may form a carbonyl or imino group;

R^e and R^f are each independently selected from H, $(C_1$-$C_6)$alkyl, $(C_2$-$C_6)$alkenyl, $(C_2$-$C_6)$alkynyl, $(C_3$-$C_8)$cycloalkyl, $(C_3$-$C_8)$cycloalkyl-$(C_1$-$C_6)$alkyl, halogen, $(C_1$-$C_6)$alkoxy, $(C_1$-$C_6)$haloalkoxy, $S(O)_nR^{12}$, $(C_2$-$C_6)$alkenyloxy, $(C_2$-$C_6)$alkynyloxy, —$(CH_2)_pR^{11}$, heterocyclyl, CN, $CO_2(C_1$-$C_6)$alkyl, NO_2, amino, $(C_1$-$C_6)$alkylamino, di-$(C_1$-$C_6)$alkylamino and $O(CH_2)_rR^{11}$ wherein r is 0 or 1;

R^9 is H, $(C_1$-$C_6)$alkyl, halogen, $(C_1$-$C_6)$alkoxy, $CO_2(C_1$-$C_6)$alkyl or R^{11};

R^{2a} is $(C_1$-$C_6)$alkyl unsubstituted or substituted by one or more groups selected from halogen, $(C_1$-$C_6)$alkoxy, $CH[O(C_1$-$C_6)alkyl]_2$, CN, $CO_2(C_1$-$C_6)$alkyl and CO_2H; or is $(C_3$-$C_6)$alkenyl unsubstituted or substituted by one or more halogen or phenyl groups; or is $(C_3$-$C_6)$alkynyl, $(C_3$-$C_8)$cycloalkyl, $(C_3$-$C_8)$cycloalkyl-$(C_1$-$C_6)$alkyl, $(C_1$-$C_6)$alkoxy, $(C_3$-$C_6)$alkenyloxy or $(C_3$-$C_6)$alkynyloxy; or is —$(CHR_{10})_pR^{11}$ wherein R^{10} is H or $(C_1$-$C_8)$alkyl, p is 0 or 1 and R^{11} is phenyl unsubstituted or substituted by one or more groups selected from halogen, $(C_1$-$C_6)$haloalkyl, $(C_1$-$C_6)$alkoxy, $(C_1$-$C_6)$haloalkoxy and phenoxy unsubstituted or substituted by one or more groups selected from halogen and $(C_1$-$C_6)$haloalkyl; or is $O(CHR^{10})_rR^{11}$ wherein R_{11} is H or $(C_1$-$C_6)$alkyl, r is 1 and R^{11} is phenyl unsubstituted or substituted by one or more groups selected from $(C_1$-$C_6)$haloalkyl, $(C_1$-$C_6)$alkoxy and NO_2; and R^2 is R^{2a} or H.

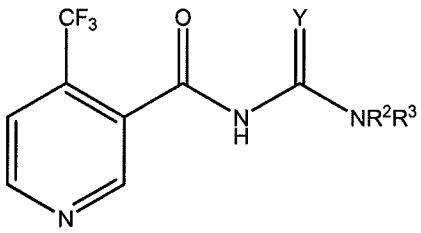
8. (Currently amended) A process for the preparation of a compound of formula (I)



(I)

or a salt thereof as defined in claim 7, which process comprises:

a) where N=Q is a formula (A) in which Z is YR^1, m is zero, and R^1, R^2 and R^3 are as defined in claim 7, reacting a compound of formula (II):



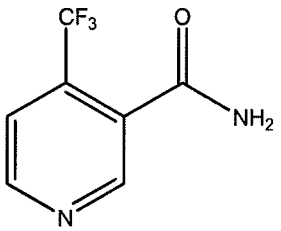
(II)

wherein Y, R^2 and R^3 are as defined in formula (I), with a compound of formula (III):

R^1L (III)

wherein R^1 is as defined in formula (I) and L is a leaving group in the presence of a base; or

b) where N=Q is a formula (A) in which Z is YR^1, m is zero, R^3 is H, and R^1 and R^2 are as defined in formula (I), as a 1-pot reaction, reacting a compound of formula (IV):



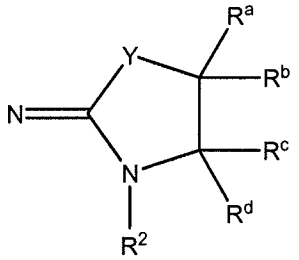
(IV)

with a strong base, and an isothiocyanate or isocyanate compound of formula (V):

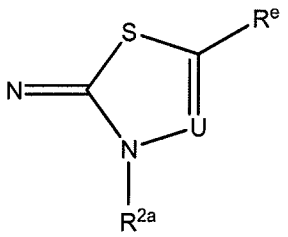
R^2—N=C=Y (V)

wherein R^2 is as defined in formula (I) to give the corresponding acylthiourea or acylurea intermediate of formula (II) above wherein R^3 is H, followed by reacting said intermediate with a compound of formula (III) as described in above process a); or

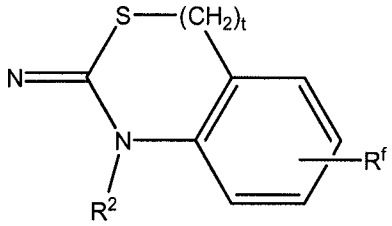
c) where N=Q is a formula (A) which is a heterocyclic ring of formula (A^1), (A^2), (A^3) or (A^4), wherein the various symbols are as defined in claim 7, acylating the corresponding compound of formula (A^{1a}), (A^{2a}), (A^{3a}) or (A^{4a}):



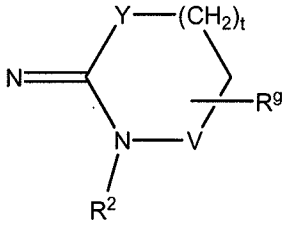
(A^{1a})



(A^{2a})

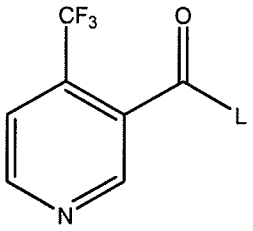


(A^{3a})



(A^{4a})

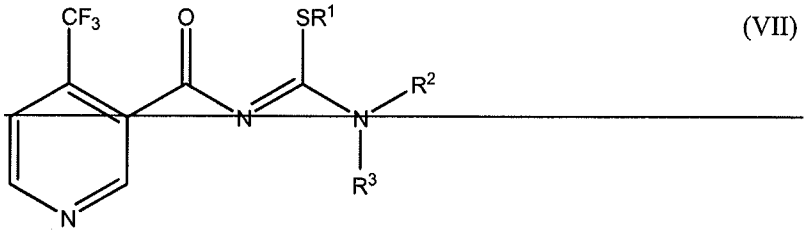
wherein the various symbols are as defined in claim 7, with a compound of formula (VI):



(VI)

wherein L is a leaving group; or

~~d) where N=Q is a formula (A) in which Z is NR^5R^6, m is zero, and R^2, R^3, R^5 and R^6 are as defined in formula (I), reacting a compound of formula (VIII):~~



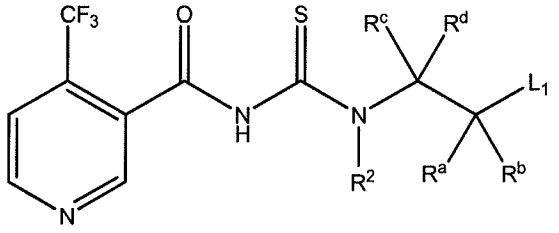
(VII)

~~wherein R^1, R^2 and R^3 are as defined in formula (I), with a compound of formula (VIII):~~

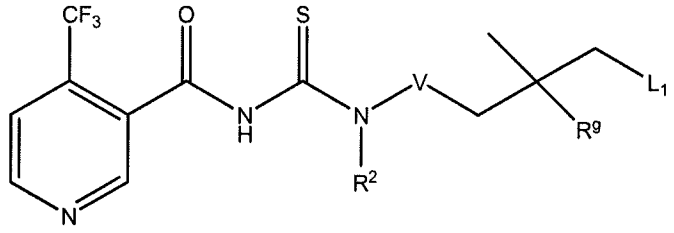
~~HNR^5R^6 (VIII)~~

~~wherein R^5 and R^6 are as defined in formula (I), in the presence of a base; or~~

d) where N=Q is a formula (A) which is a heterocyclic ring of formula (A^1) or (A^4), m is zero, Y is S and the other symbols are as defined in claim 7, cyclizing a compound of formula (IX) or (X) respectively:



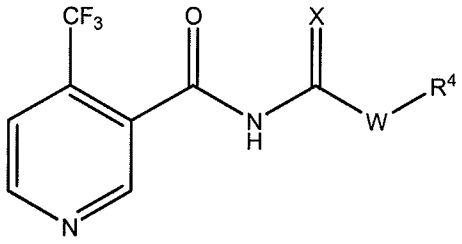
(IX)



(X)

wherein the various symbols are as defined in formula (I) and L_1 is a leaving group, in the presence of a base; or

e) where m is zero and N=Q is a formula (B) in which R^1 and R^4 are as defined in formula (I), the reaction of reacting a compound of formula (XI):



(XI)

wherein X, W and R^4 are as defined in formula (I), with a compound of formula (III) as defined in the above process a), in the presence of a base; or

f) where Q is as defined above, and m is 1 oxidizing a corresponding compound in which m is 0; and

if desired, converting a resulting compound of formula (I) into a pesticidally acceptable salt thereof.

9. (Original) A pesticidal composition comprising a pesticidally effective amount of a compound of formula (I) or a pesticidally acceptable salt thereof as defined in claim 1, in association with a pesticidally acceptable diluent or carrier and/or surface active agent.

10. (Canceled)

11. (Currently amended) A compound or salt thereof as claimed in claim [[2]] 1, wherein R^1 is $(C_1\text{-}C_8)$alkyl or $(C_3\text{-}C_6)$alkenyl, which groups are unsubstituted or substituted by one or more groups selected from $(C_1\text{-}C_4)$alkoxy, $S(O)_nR^{12}$ and OH; or is $—(CR^9R^{10})_pR^{11}$.

12. (Currently amended) A compound or salt thereof as claimed in claim [[2]] 1, wherein R^2 is H, $(C_3\text{-}C_6)$alkenyl, $(C_3\text{-}C_6)$alkynyl, $(C_1\text{-}C_6)$alkoxy, $(C_3\text{-}C_6)$alkenyloxy, $(C_3\text{-}C_6)$alkynyloxy, $—(CR^9R^{10})_pR^{11}$, $—(CR^9R^{10})_p$heterocyclyl, NHR^{11} or $O(CH_2)_rR^{11}$; or is $(C_1\text{-}C_8)$alkyl unsubstituted or substituted by a di-$(C_1\text{-}C_4)$alkylamino group.

13. (Original) A compound or salt thereof as claimed in claim 3, wherein R^2 is H, $(C_3\text{-}C_6)$alkenyl, $(C_3\text{-}C_6)$alkynyl, $(C_1\text{-}C_6)$alkoxy, $(C_3\text{-}C_6)$alkenyloxy, $(C_3\text{-}C_6)$alkynyloxy, $—(CR^9R^{10})_pR^{11}$, $—(CR^9R^{10})_p$heterocyclyl, NHR^{11} or $O(CH_2)_rR^{11}$; or is $(C_1\text{-}C_8)$alkyl unsubstituted or substituted by a di-$(C_1\text{-}C_4)$alkylamino group.

14. (Currently amended) A compound or salt thereof as claimed in claim [[2]] 1, wherein R^3 is $(C_1\text{-}C_8)$alkyl or $(C_3\text{-}C_6)$alkenyl, which groups are unsubstituted or substituted by an $(C_1\text{-}C_4)$alkoxy or OH group; or is H or $—(CR^9R^{10})_pR^{11}$.

15. (Original) A compound or salt thereof as claimed in claim 3, wherein R^3 is $(C_1\text{-}C_8)$alkyl or $(C_3\text{-}C_6)$alkenyl, which groups are unsubstituted or substituted by an $(C_1\text{-}C_4)$alkoxy or OH group; or is H or $—(CR^9R^{10})_pR^{11}$.

16. (Original) A compound or salt thereof as claimed in claim 4, wherein R^3 is $(C_1\text{-}C_8)$alkyl or $(C_3\text{-}C_6)$alkenyl, which groups are unsubstituted or substituted by an $(C_1\text{-}C_4)$alkoxy or OH group; or is H or $—(CR^9R^{10})_pR^{11}$.

17. (Currently amended) A compound or salt thereof as claimed in claim [[2]] 1, wherein R^4 is $(C_1\text{-}C_8)$alkyl substituted by $(C_1\text{-}C_4)$alkoxy or OH; or is $(C_3\text{-}C_6)$alkenyl, $(C_3\text{-}C_6)$alkynyl or $(C_3\text{-}$

C_8)cycloalkyl which last three mentioned groups are unsubstituted or substituted by an (C_1-C_4)alkoxy or OH group; or is (C_3-C_8)cycloalkyl-(C_1-C_6)alkyl which cycloalkyl is unsubstituted or substituted by an (C_1-C_4)alkoxy or OH group; or is —$(CR^9R^{10})_pR^{11}$ or —$(CR^9R^{10})_p$heterocyclyl.

18. (Original) A compound or salt thereof as claimed in claim 3, wherein R^4 is (C_1-C_8)alkyl substituted by (C_1-C_4)alkoxy or OH; or is (C_3-C_6)alkenyl, (C_3-C_6)alkynyl or (C_3-C_8)cycloalkyl which last three mentioned groups are unsubstituted or substituted by an (C_1-C_4)alkoxy or OH group; or is (C_3-C_8)cycloalkyl-(C_1-C_6)alkyl which cycloalkyl is unsubstituted or substituted by an (C_1-C_4)alkoxy or OH group; or is —$(CR^9R^{10})_pR^{11}$ or —$(CR^9R^{10})_p$heterocyclyl.

19. (Original) A compound or salt thereof as claimed in claim 4, wherein R^4 is (C_1-C_8)alkyl substituted by (C_1-C_4)alkoxy or OH; or is (C_3-C_6)alkenyl, (C_3-C_6)alkynyl or (C_3-C_8)cycloalkyl which last three mentioned groups are unsubstituted or substituted by an (C_1-C_4)alkoxy or OH group; or is (C_3-C_8)cycloalkyl-(C_1-C_6)alkyl which cycloalkyl is unsubstituted or substituted by an (C_1-C_4)alkoxy or OH group; or is —$(CR^9R^{10})_pR^{11}$ or —$(CR^9R^{10})_p$heterocyclyl.

20. (Original) A compound or salt thereof as claimed in claim 5, wherein R^4 is (C_1-C_8)alkyl substituted by (C_1-C_4)alkoxy or OH; or is (C_3-C_6)alkenyl, (C_3-C_6)alkynyl or (C_3-C_8)cycloalkyl which last three mentioned groups are unsubstituted or substituted by an (C_1-C_4)alkoxy or OH group; or is (C_3-C_8)cycloalkyl-(C_1-C_6)alkyl which cycloalkyl is unsubstituted or substituted by an (C_1-C_4)alkoxy or OH group; or is —$(CR^9R^{10})_pR^{11}$ or —$(CR^9R^{10})_p$heterocyclyl.

21. (Original) A method for the control of arthropod or nematode pests, said method comprising applying to said pests or to a locus at which they reside or feed or which is susceptible to infestation thereby, a pesticidally effective amount of a compound or salt thereof as claimed in claim 1.

22. (Original) A method for the control of arthropod or nematode pests, said method comprising applying to said pests or to a locus at which they reside or feed or which is

susceptible to infestation thereby, a pesticidally effective amount of a composition as claimed in claim 9.